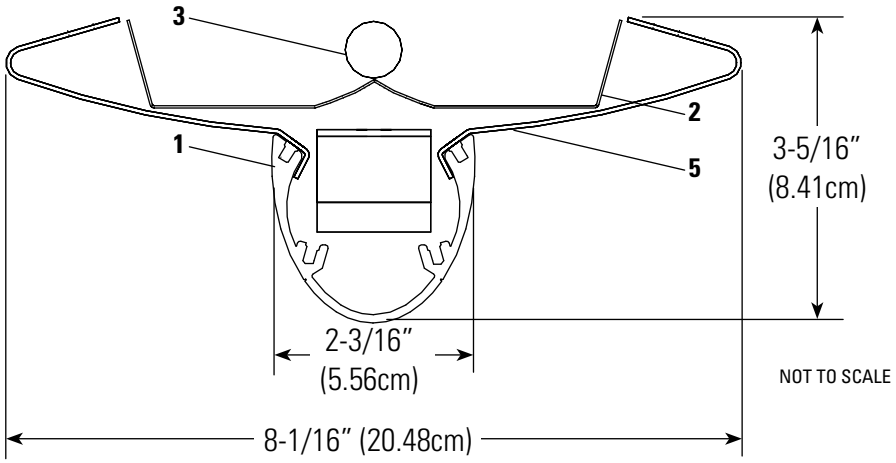

Module Ordering Information

Family	Series	Track	Length	Shielding	Lamps	Finish	Options
A	**2**	**B**		**A**			
		A = Track **B** = No Track	**4** = 4-Foot **8** = 8-Foot **12** = 12-Foot	**A** = Solid **B** = Perf **C** = Pierce **D** = Lens	**28** = 28w **54** = 54w	**WH** = White **AL** = Aluminum	**E1** = Emergency Pack, 120v **E2** = Emergency Pack, 277v **D1** = Dimming 120v **D2** = Dimming 277v **X5** = 5 Through Wires

Complete ordering instructions below.

Features

1. **Housing:** Extruded aluminum housing in lengths of 4' (121.92cm), 8' (243.84cm) and 12' (365.76cm). There are no exposed fasteners. The end caps are die-cast aluminum sculpted and finished to match the housing.
2. **Reflector:** Die-formed high purity anodized specular aluminum.
3. **Lamping:** One T5 28W or 54W lamp per four-foot nominal length. Provided by others.
4. **Alignment Mechanism:** The housing and the end cap each have a draw tight mechanism that creates a hairline joint along and at the ends of the run. To operate the mechanism, the installer tightens two screws.
5. **Shielding:** Die-formed 20 gauge steel finished to match housing.

Labels

UL, cUL and I.B.E.W.

Finish

Powder coated baked white or silver enamel.
Custom colors available, consult factory.

Mountings

All mounting is on 48" (121.92cm), 96" (243.84cm) and 144" (365.76cm) centers.

Cable Suspension (not shown) 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) and adjustable cable gripper. Cable mounting at the ends of a run is not available when track is being used. Installing stems at the ends of the run will prevent the fixture from hanging off center caused by the weight of the track fixture. Cable suspension can be used in the center of runs that have track installed. Consult factory for other options.

Stem Mounting (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/4" (0.64cm) IP (1/2" (1.27cm) OD) stem. The stem can accommodate up to 2-12 gauge and 3-18 gauge solid wires. All components have a white finish.

Electrical

Ballast is <10% THD, 1.0 ballast factor, program start. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circtuit off.
Dimming: 120/277 VAC 1% dimming level, 4 or 5 wire feed required.
Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes.

Ordering Instructions

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one INTERMEDIATE SUSPENSION per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of INTERMEDIATE POWER FEEDS.

Job Information	**Type:**
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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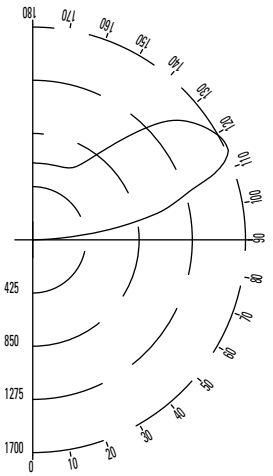
Performance

CANDLEPOWER CURVE



REPORT NO: ITL50919
CAT NO: A2X4A54
LAMPS: 1-F54T5
LUMENS: 5000
EFFICIENCY: 92.3%

CANDLEPOWER

ZONE ➤ / DEG. ▼	0	22	45	67	90
	CANDELAS				
180	616	616	616	616	616
175	617	618	617	614	615
165	595	601	607	614	620
155	553	564	591	620	636
145	484	511	576	700	783
135	403	448	662	1059	1254
125	307	388	979	1461	1609
115	202	440	1174	1594	1721
105	99	578	1066	1148	1192
95	17	338	365	388	349
90	2	48	23	15	0
85	0	0	0	0	0
75	0	0	0	0	0
65	0	0	0	0	0
55	0	0	0	0	0
45	0	0	0	0	0
35	0	0	0	0	0
25	0	0	0	0	0
15	0	0	0	0	0
5	0	0	0	0	0
0	0	0	0	0	0

COEFFICIENTS OF UTILIZATION
% EFFECTIVE CEILING CAVITY REFLECTANCE

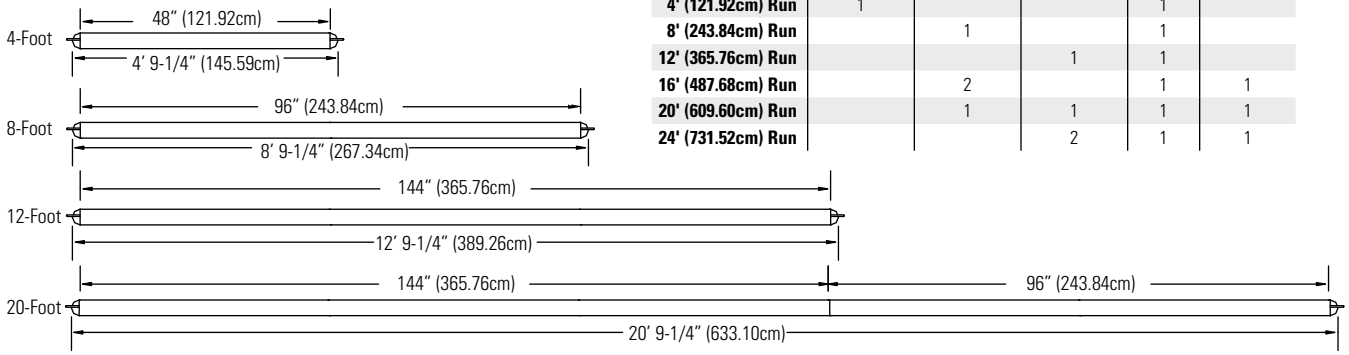
	80			70			50		
	WALL REFLECTANCE								
ROOM CAVITY RATIO	70	50	30	70	50	30	50	30	10
0	88	88	88	75	75	75	51	51	51
1	80	76	73	68	65	63	45	43	42
2	73	66	61	62	57	53	39	36	34
3	66	58	52	56	50	45	34	31	29
4	60	51	45	51	44	39	30	27	24
5	55	45	39	47	39	33	27	23	21
6	51	40	34	43	35	29	24	20	18
7	47	36	29	40	31	26	22	18	15
8	43	33	26	37	28	23	19	16	13
9	40	29	23	34	25	20	18	14	12
10	37	27	21	31	23	18	16	13	10

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

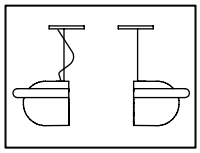
Zone	Lumens	% Lamp	% Luminaire
0-90	0	0.0	0.0
90-180	4613	92.3	100.0
0-180	4613	92.3	100.0

Fixture Lengths and Mounting Locations

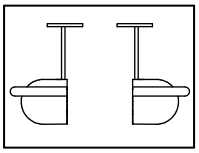


	4' (121.92cm) Module	8' (243.84cm) Module	12' (365.76cm) Module	End Set	Suspension
4' (121.92cm) Run	1			1	
8' (243.84cm) Run		1		1	
12' (365.76cm) Run			1	1	
16' (487.68cm) Run		2		1	1
20' (609.60cm) Run		1	1	1	1
24' (731.52cm) Run			2	1	1

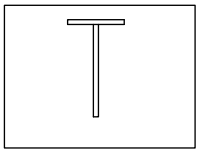
Mounting Accessories



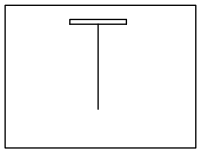
A2EC36ALX4 = Aluminum
A2EC36WHX4 = White
4 Wires 18ga.
Cable Power Feed
End Set 36" (91.44cm) Cables



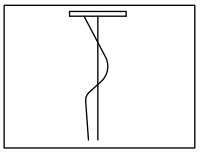
A2ES24ALX4 = Aluminum
A2ES24WHX4 = White
4 Wires 18ga.
Stem Power Feed
End Set 24" (60.96cm) Cables



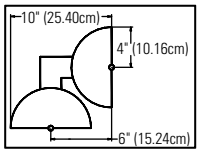
ALS24
Intermediate
24" (60.96cm) White Stem Set



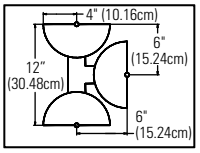
AC36
Intermediate
36" (91.44cm) Cable Set



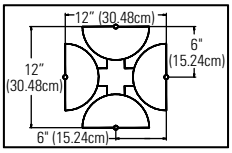
ACC36X4
Intermediate 36" (91.44cm)
Cable & 4 Wire 18 ga.
Cord Set for Fluorescent Only



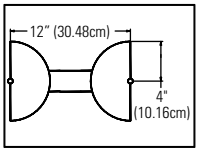
A2LAL= Aluminum
A2LWH = White
"L" Joiner Block



A2TAL = Aluminum
A2TWH = White
"T" Joiner Block



A2XAL = Aluminum
A2XWH = White
"X" Joiner Block



A2ILAL = Aluminum
A2ILWH = White
Inline Joiner Block

Job Information **Type:**

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